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WOOL PACKING RACKS

COOPERATIVE FARM BUILDING
Plan No. 5911
(1-SHEET)
PLAN EXCHANGE

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Handling and packing fleeces into 200-pound capacity wool bags is a convenient job if one of these wool packing racks is used to support the bag.

Custom shearers and large sheep producers may prefer to build the hinged-type rack, which folds flat so it can be easily stored or moved. It has a ring-type sack holder that rests upon a removable top. Two corners of the top are hinged so one side will swing out and the other side will move enough to release the bag from the rack.

Anyone who erects the packing rack only once each season may prefer to build the less expensive frame without hinges or a special bag clamp. If the braces on two sides are installed with screws, the rack can be taken apart, stored, and reassembled when it is time to shear the sheep.

To remove a wool sack from either of the racks, a pry pole should be inserted beneath the filled bag to release some of the strain from the top of the bag. Otherwise, the bag may be torn when the holder clamp is suddenly released.

A large scale working drawing may be obtained through your county agent or from the Extension agricultural Engineer at most State agricultural colleges. There is usually a small charge.

ORDER PLAN NO. 5911, WOOL PACKING RACKS

If the large scale drawings are not available in your State, write to the U.S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Md. The U.S. Department of Agriculture does not distribute drawings, but will direct you to a State that does distribute them.

WASHINGTON, D.C. ISSUED MAY 1961

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 849

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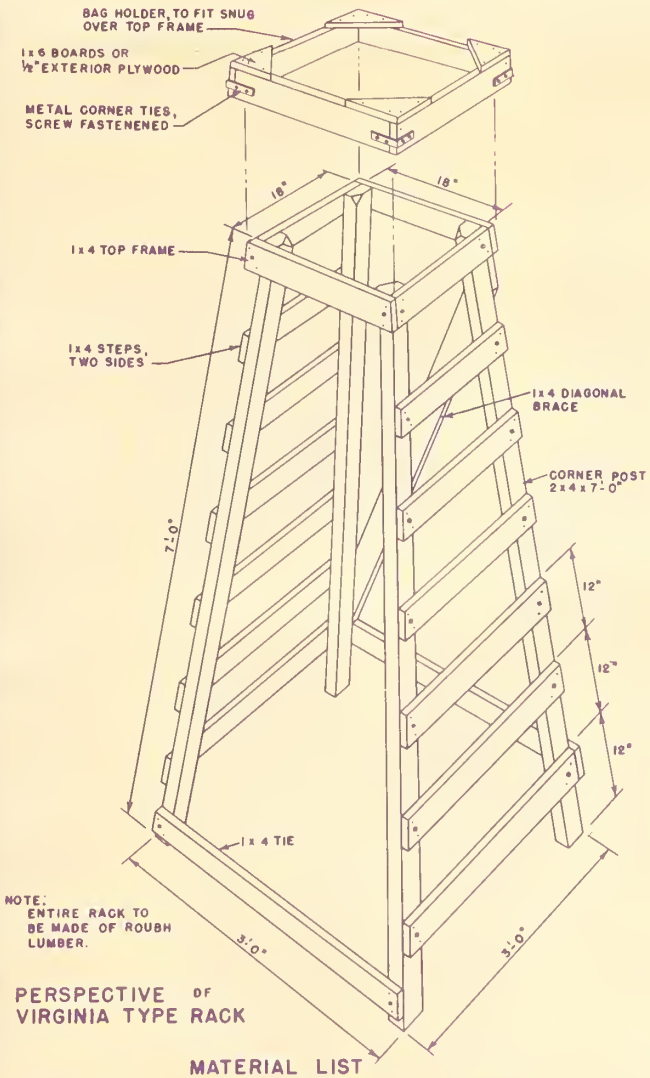
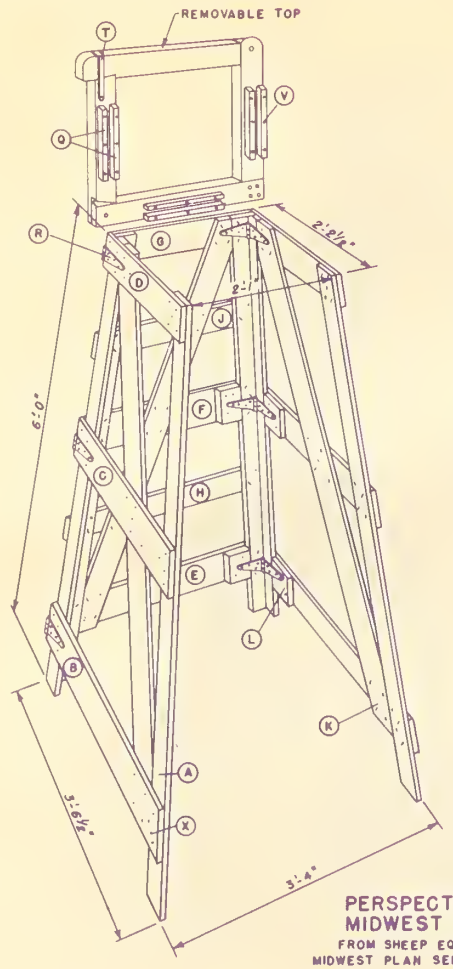


NOTE: ENTIRE RACK TO BE MADE OF ROUGH LUMBER.

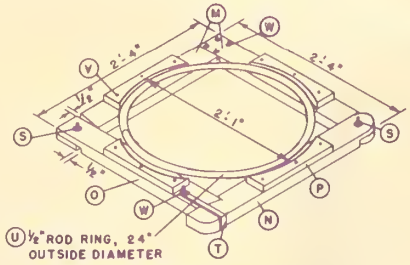
PERSPECTIVE OF VIRGINIA TYPE RACK

MATERIAL LIST

ITEM	SIZE	QUANTITY
CORNER POSTS	2 x 4 x 14'-0"	2
BAG HOLDER BRACE	1 x 6 x 1'-0"	1
STEPS (TWO SIDES)	1 x 4 x 8'-0"	4
DIAGONAL BRACE AND BOTTOM TIES	1 x 4 x 12'-0"	1
BAG HOLDER AND TOP FRAME	1 x 4 x 14'-0"	1
METAL CORNER TIES		4
WOOD SCREWS (FLATHEAD)	1" - NO. 10	16
	2" - NO. 10	38
NAILS (RING OR SCREW SHANK)	8d	1 LB.



PERSPECTIVE OF MIDWEST TYPE RACK
FROM SHEEP EQUIPMENT PLANS
MIDWEST PLAN SERVICE, AMES, IOWA.



REMOVABLE TOP

CUTTING LIST

ITEM	DESCRIPTION	QUANTITY
A	1 x 4 x 6'-0" CORNER POSTS	6
B	1 x 6 x 3'-6½" BOTTOM TIE	2
C	1 x 6 x 2'-11" MIDDLE TIE	2
D	1 x 6 x 2'-4" TOP TIE OR FRAME	2
E	1 x 6 x 3'-5" BOTTOM TIE OR STEP	1
F	1 x 6 x 2'-10" MIDDLE TIE OR STEP	1
G	1 x 6 x 2'-3" TOP TIE OR FRAME	1
H	1 x 4 x 2'-11" INTERMEDIATE STEP	1
J	1 x 4 x 2'-4" INTERMEDIATE STEP	1
K	1 x 4 x 6'-0" DIAGONAL BRACES	3
L	1 x 6 x 4" HINGE BLOCKING	4
M	2 x 4 x 2'-4" HARDWOOD FRAME	2
N	2 x 4 x 2'-6" HARDWOOD FRAME	1
O	2 x 4 x 2'-1" HARDWOOD FRAME	1
P	1 x 3 x 12" HARDWOOD (BAG HOLDER)	4
Q	1 x 1 x 12" HARDWOOD (CLAMPS)	6
R	6" STRAP HINGES (WITH SCREWS)	6
S	⅜" x 2 ½" BOLT	2
T	3/16" x ½" x 18" STRAP	1
U	½" x 6'-3½" ROD	1
V	1¾" - NO. 8 FLATHEAD WOOD SCREWS	30
W	¼" x 2 ½" BOLT	5
X	6d (RING OR SCREW SHANK) NAILS	1 LB.

NOTE: ENTIRE RACK TO BE MADE OF ROUGH LUMBER.

USE OF THE WOOL PACKING RACK

FIRST, PLACE THE BAG IN THE RACK WITH THE MOUTH OF THE BAG FOLDED DOWN OVER THE TOP OF THE FRAME ABOUT 8" (IT MAY BE NECESSARY TO CUT THE SEAM OF SMALL-MOUTH BAGS ABOUT 4").

NEXT, PLACE THE BAG HOLDER DOWN OVER THE TOP OF THE RACK TO HOLD THE BAG SECURELY.

AFTER SHEARING EACH SHEEP, TIE THE FLEECE WITH PAPER TWINE. PACK THE FLEECES INTO THE BAG IN LAYERS OF 4 OR 5 BY CLIMBING INTO THE BAG AND TRAMPING THE WOOL.

WHEN THE BAG IS FILLED AND READY TO BE REMOVED PLACE A BOARD UNDER IT AND RAISE SLIGHTLY. THIS WILL RELEASE THE PRESSURE AT THE TOP SO THE BAG WILL NOT TEAR WHEN THE BAG HOLDER IS REMOVED. CAPACITY OF THE BAG IS ABOUT 200 POUNDS.

*DETAILS OF A WOOL BOX USED FOR TYING FLEECE - SEE PLAN EX 5805

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

WOOL PACKING RACKS

USDA '60	EX. 5911	SHEET 1 OF 1